

FIG. 1

00920-0604T500

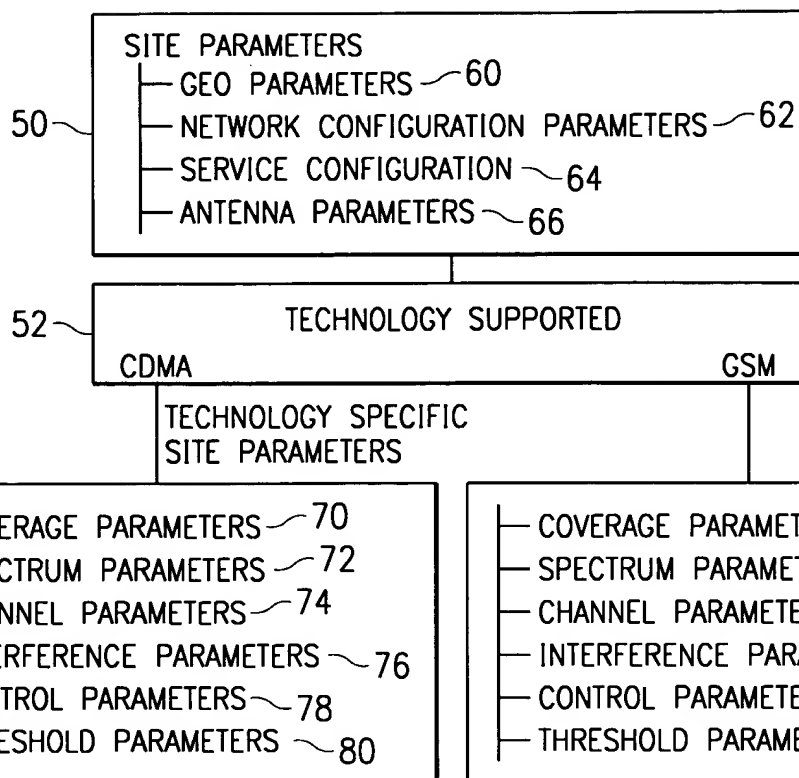


FIG. 2

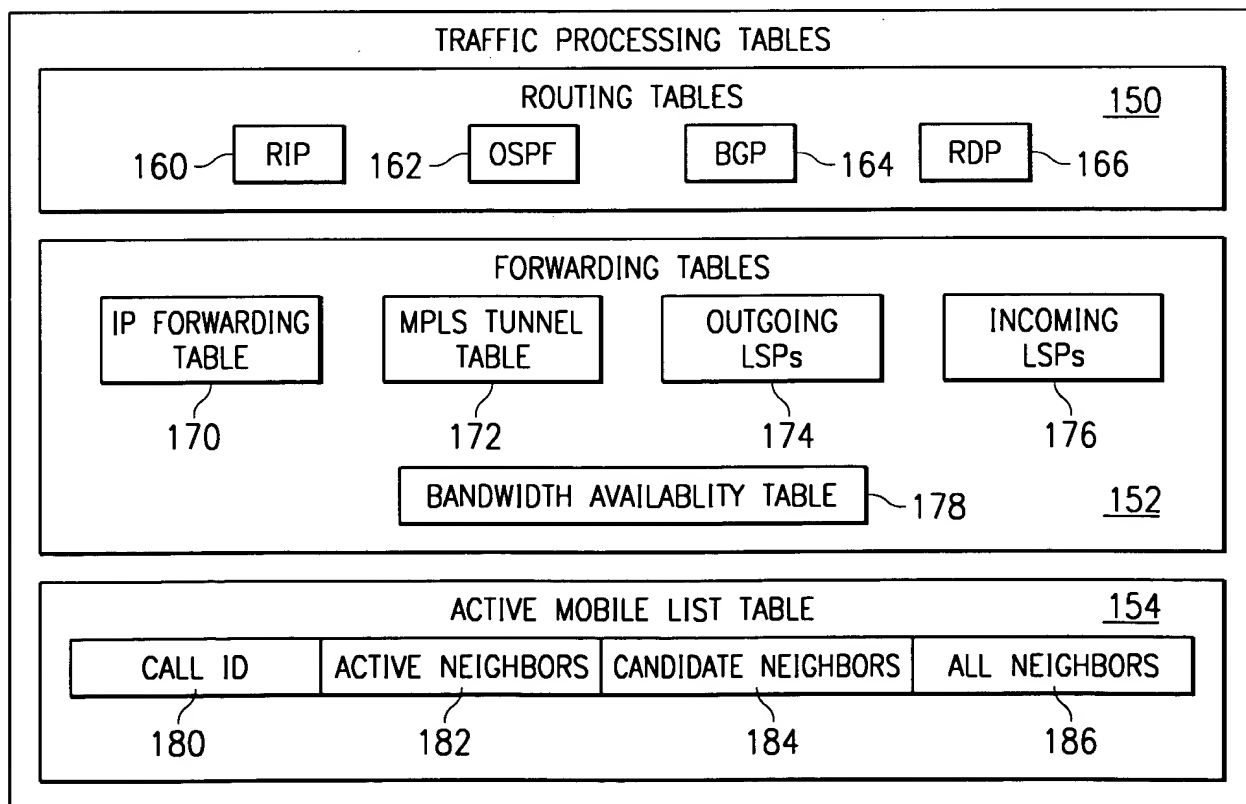


FIG. 5

005220-060E1500

FIG. 3

60 GEO PARAMETERS	62 NETWORK CONFIGURATION PARAMETERS	64 SERVICE CONFIGURATION	66 ANTENNA PARAMETER PER SECTOR/BEAM
SITE ID NO. OF SECTOR/BEAMS SECTOR/BEAM ID LATITUDE AND LONGITUDE SECTOR/BEAM ORIENTATION MAXIMUM RADIUS OF INFLUENCE	INTERFACE TO NETWORK eg: TI, SONET, T3 FRACTIONAL TI ETC SITE CAPACITY NETWORK CAPACITY	DA ADDRESS LIST OF SERVICES SUPPORTED	ANTENNA TYPE DIGITIZED ANTENNA PATTERN ANTENNA BEAM WIDTH └ HORIZONTAL └ VERTICAL ANTENNA MAX GAIN ANTENNA DOWNTILT └ MECHANICAL └ ELECTRICAL

80 THRESHOLD PARAMETERS	70 COVERAGE PARAMETERS	72 SPECTRUM PARAMETERS	74 CHANNEL PARAMETERS	76 INTERFERENCES PARAMETERS	78 CONTROL PARAMETERS	82 TRAFFIC ENGINEERING PARAMETERS
% CALL BLOCKS % FAILURE % DROPS % MAX DELAY % FER MAX RTT	ENVIRONMENT PATH LOSS MARGIN TYPE AND PERCENTAGE TRAFFIC LOSSES: CABLE HARDWARE COVERAGE THRESHOLD PROPAGATION MODEL TRAFFIC DISTRIBUTION MAP RF COVERAGE PREDICTION MODEL	CHANNEL BW CHANNEL MASK CHANNEL NUMBER RANGE MAX TRANSMIT POWER PER CHANNEL TECHNOLOGY	NUMBER OF CHANNELS AND THEIR RANGE AIR CAPACITY MIN CHANNEL SPACING FREQUENCY REUSE FREQUENCY GROUPING (SWITCH TABLE) HOPPING SEQUENCES	INTERFERENCE THRESHOLD POWER CONTROL THRESHOLDS CHANNELIZATION AND SEQUENCING CHANNEL SCHEDULE ALGORITHM PROPAGATION MODEL TRAFFIC DISTRIBUTION ADJACENT CHANNEL INTERFACE THRESHOLD RF INTERFERENCE PREDICTION MODEL	ACCESS PARAMETERS INTRA-TECHNOLOGY HANDOFF PARAMETERS INTER-TECHNOLOGY HANDOFF PARAMETERS TIMING PARAMETERS	CLASS OF SERVICE CONGESTION CONTROL ALGORITHM/PARAMETERS QUEUING ALGORITHM/PARAMETERS MIN AND MAX RESOURCE ALLOCATION FOR CLASSES OF SERVICE

005220 060E1560

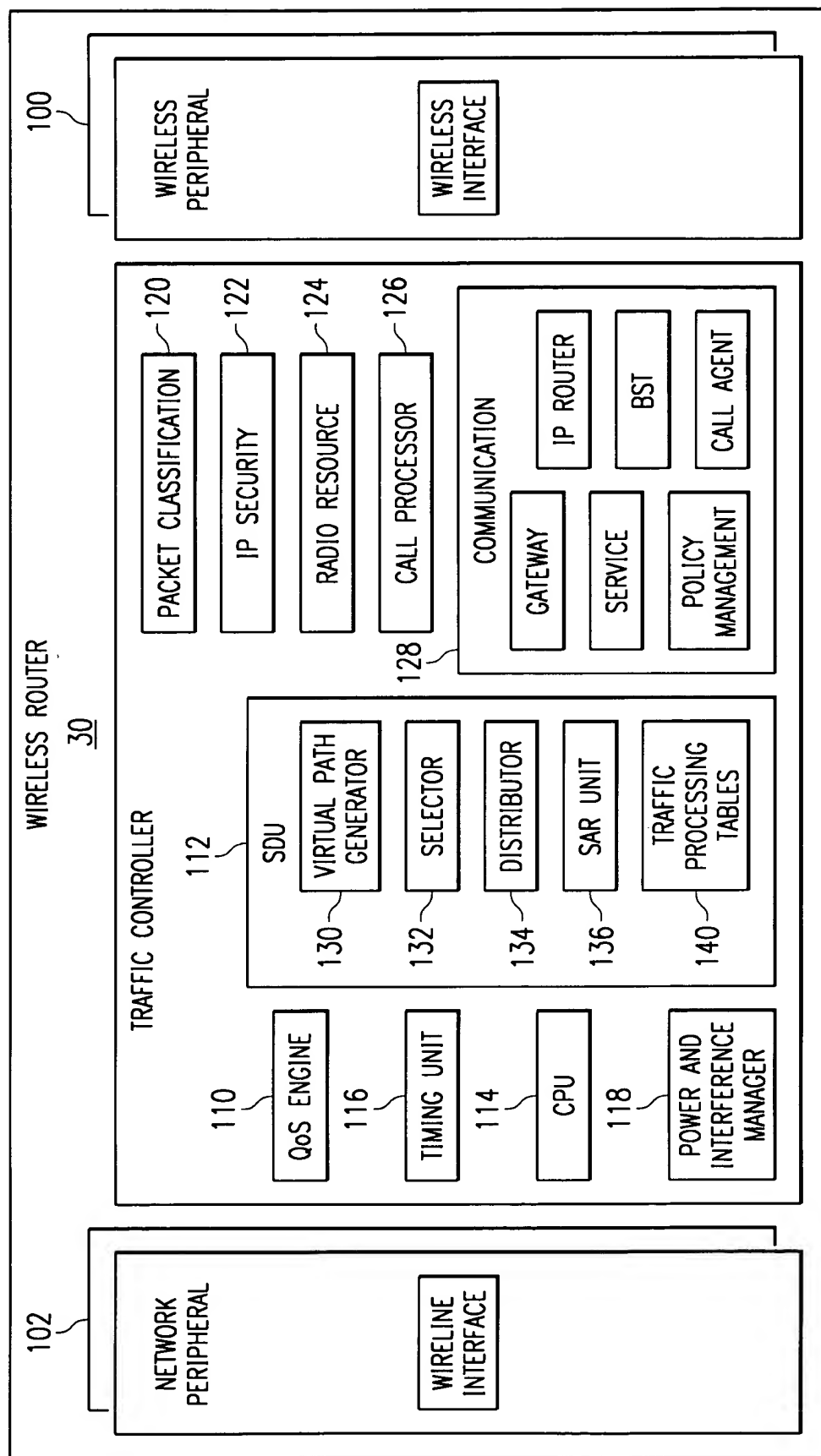


FIG. 4

	NEIGHBOR 1 200			NEIGHBOR 2 200			NEIGHBOR 3 200		
	NBR ID	FORWARD INTERFERENCE	REVERSE INTERFERENCE	NBR ID	FORWARD INTERFERENCE	REVERSE INTERFERENCE	NBR ID	FORWARD INTERFERENCE	REVERSE INTERFERENCE
s1									
s2									
⋮									
sN									

FIG. 6

FIG. 6

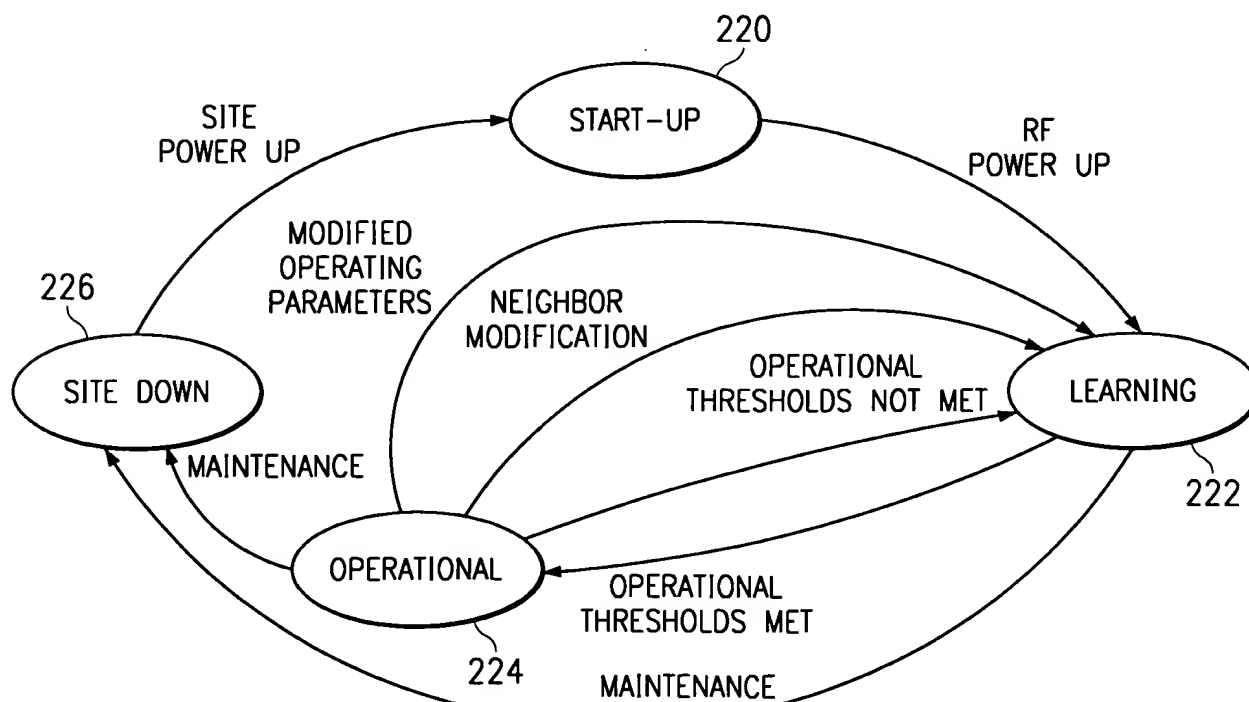


FIG. 7

00520 0002560

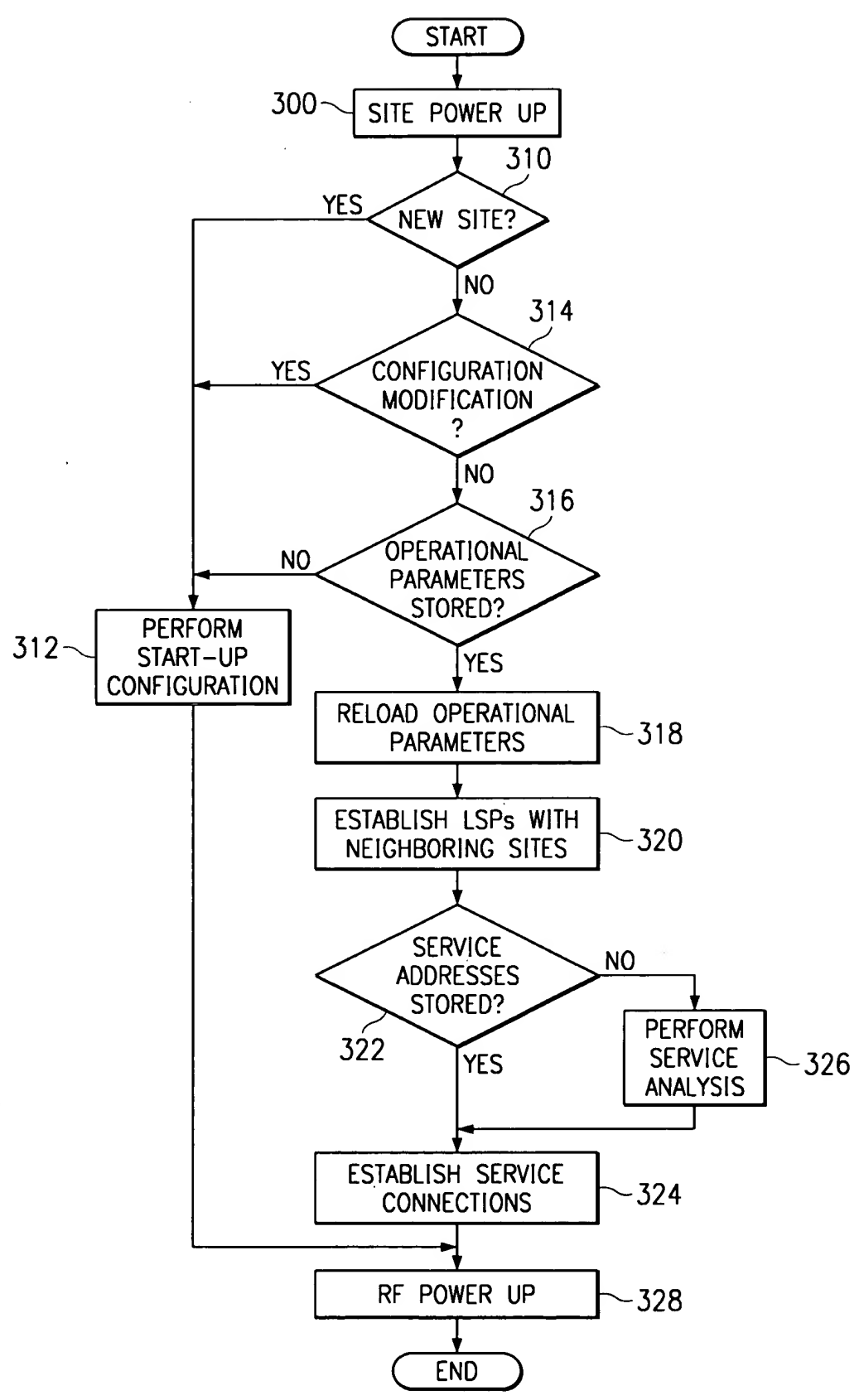
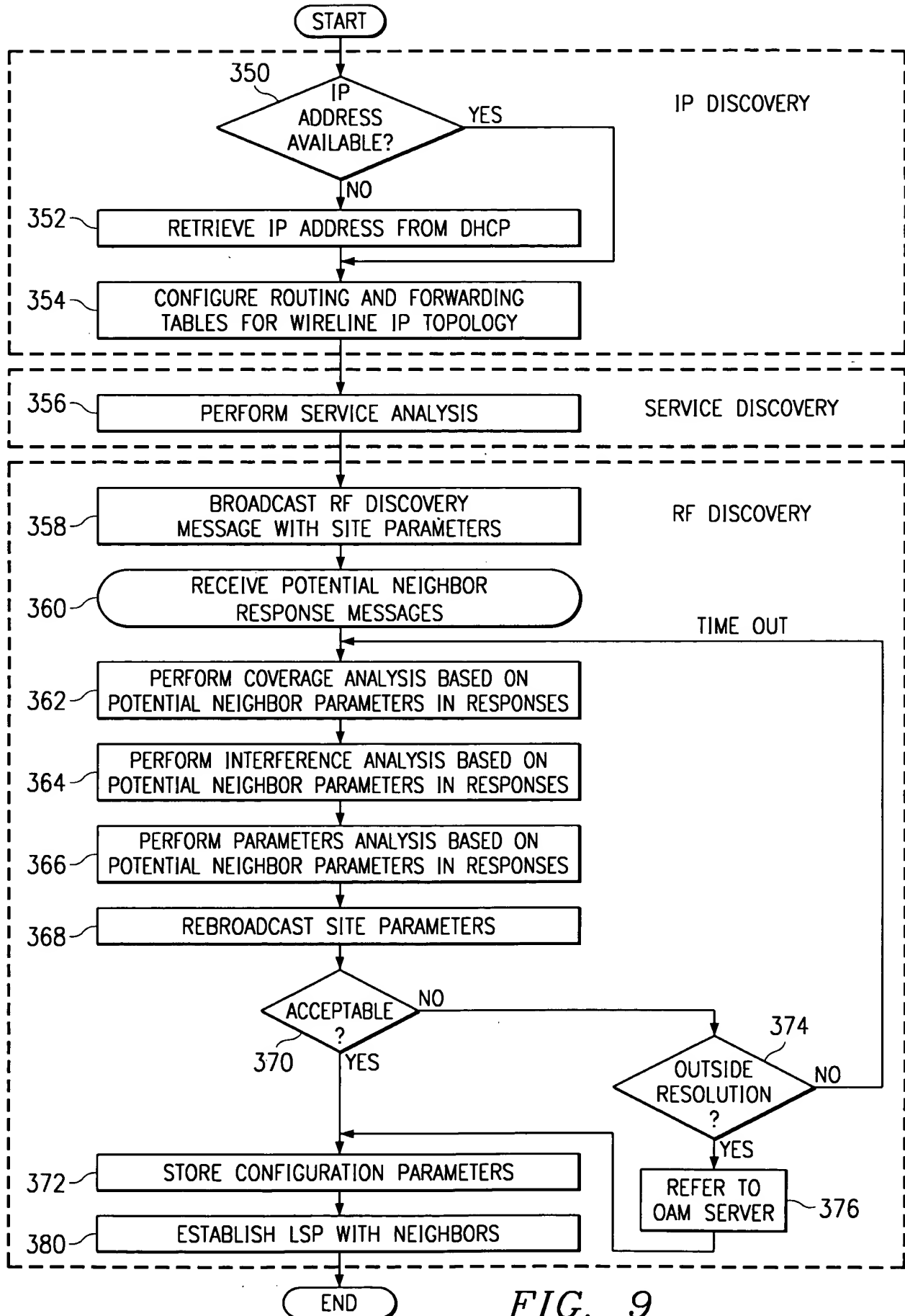


FIG. 8



IP DISCOVERY FUNCTION

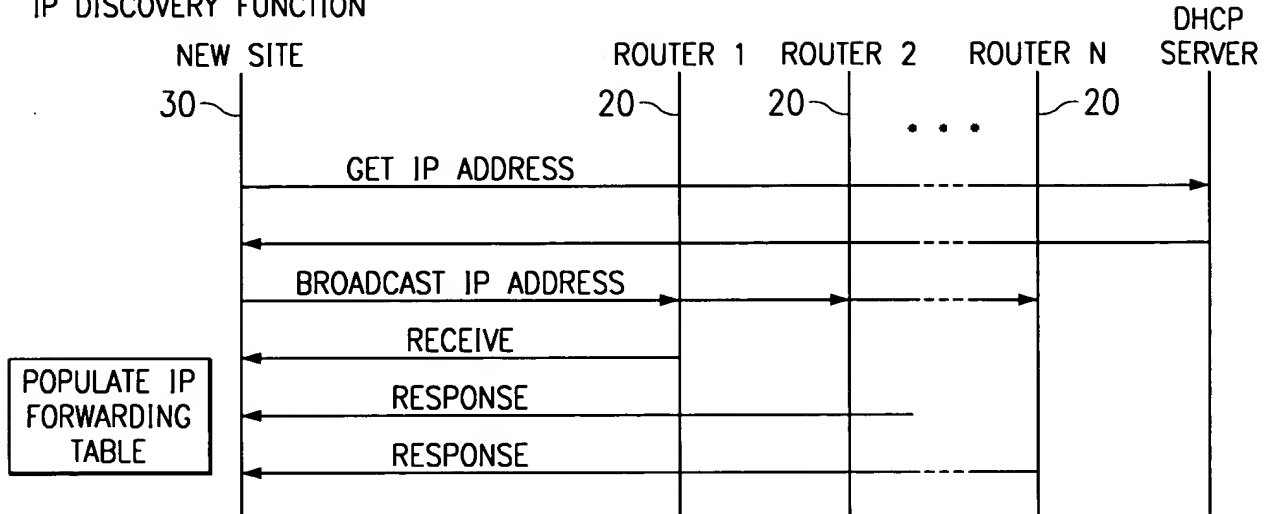


FIG. 10

RADIO DISCOVERY FUNCTION

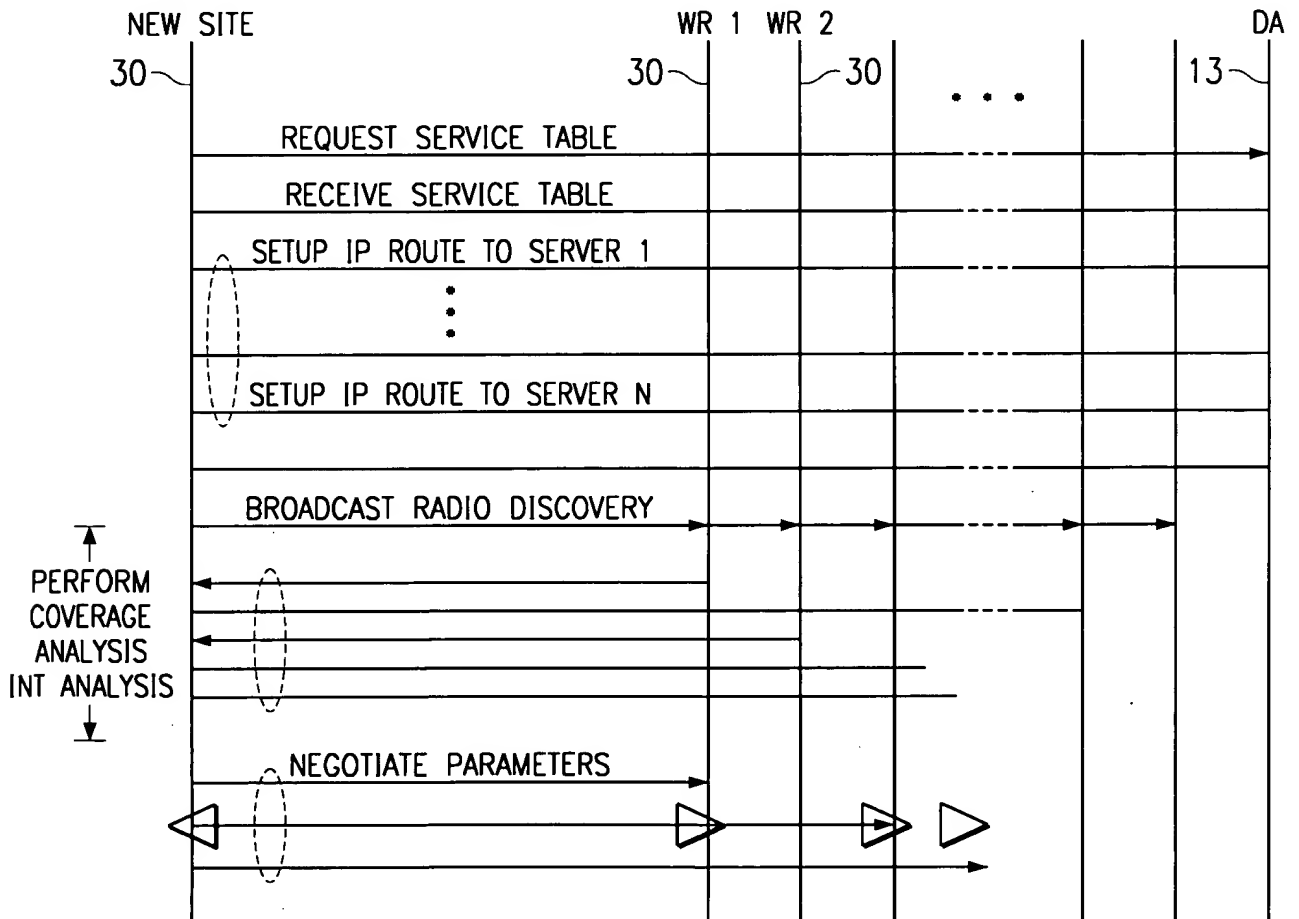


FIG. 11

005220-00021560

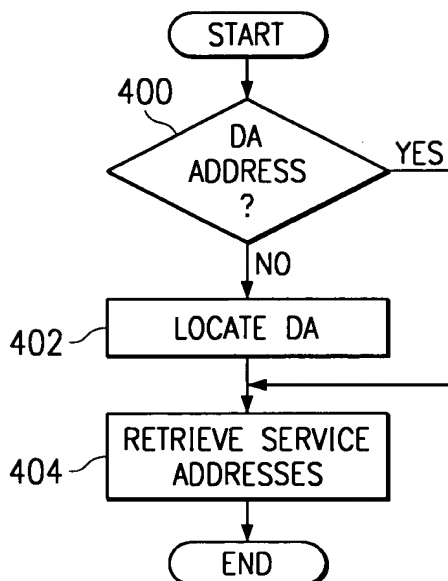


FIG. 12

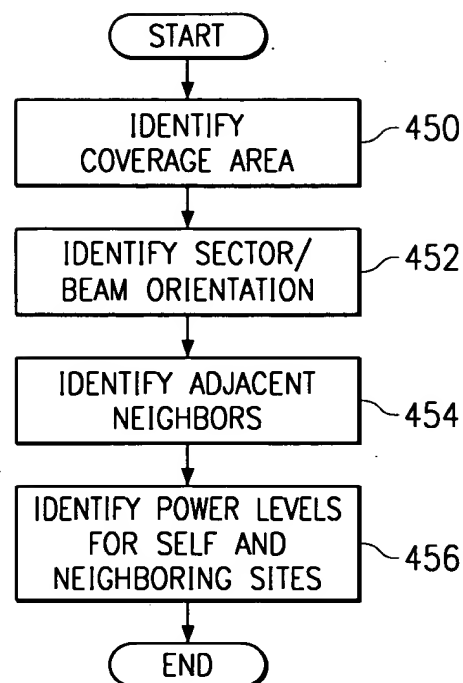


FIG. 13

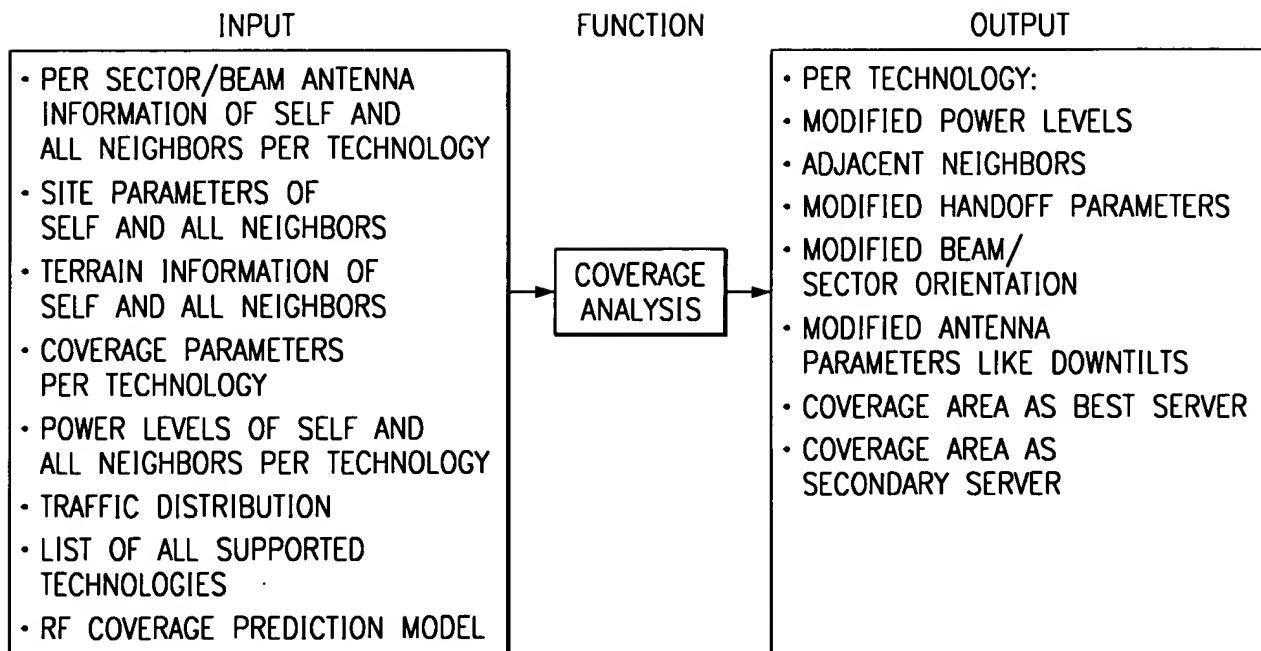


FIG. 14

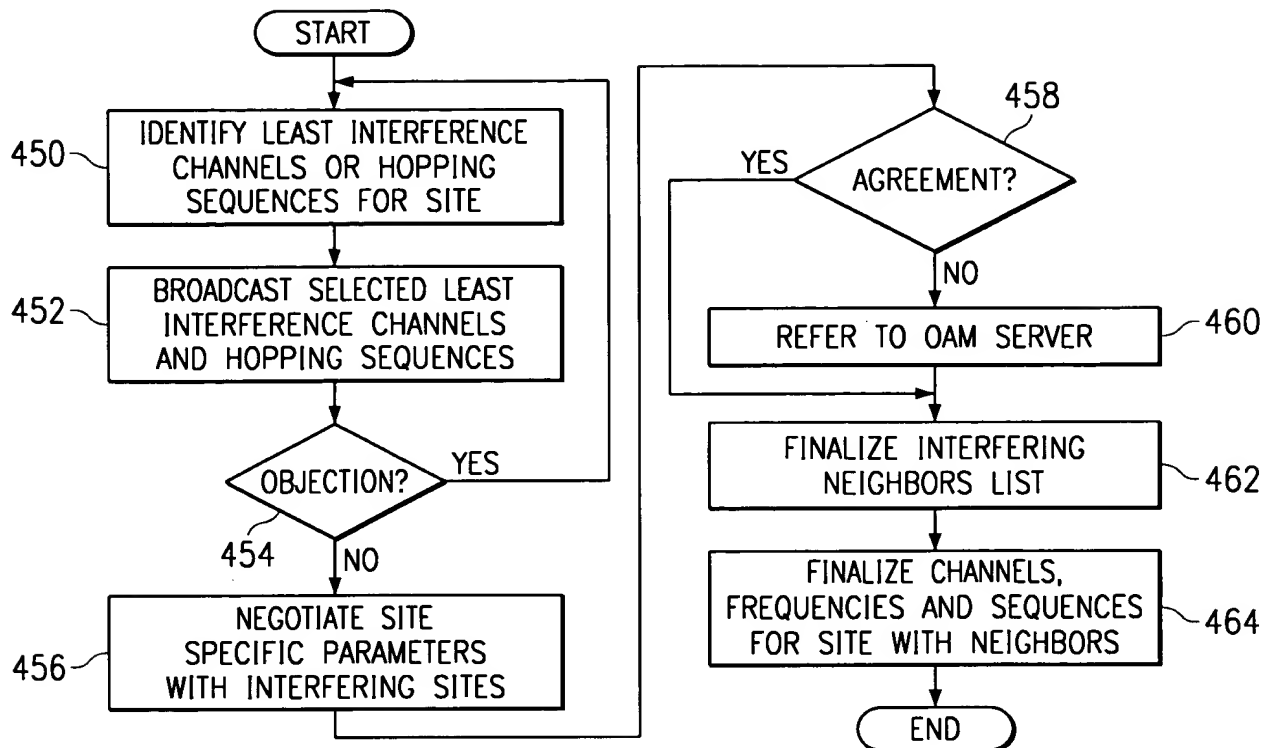


FIG. 15

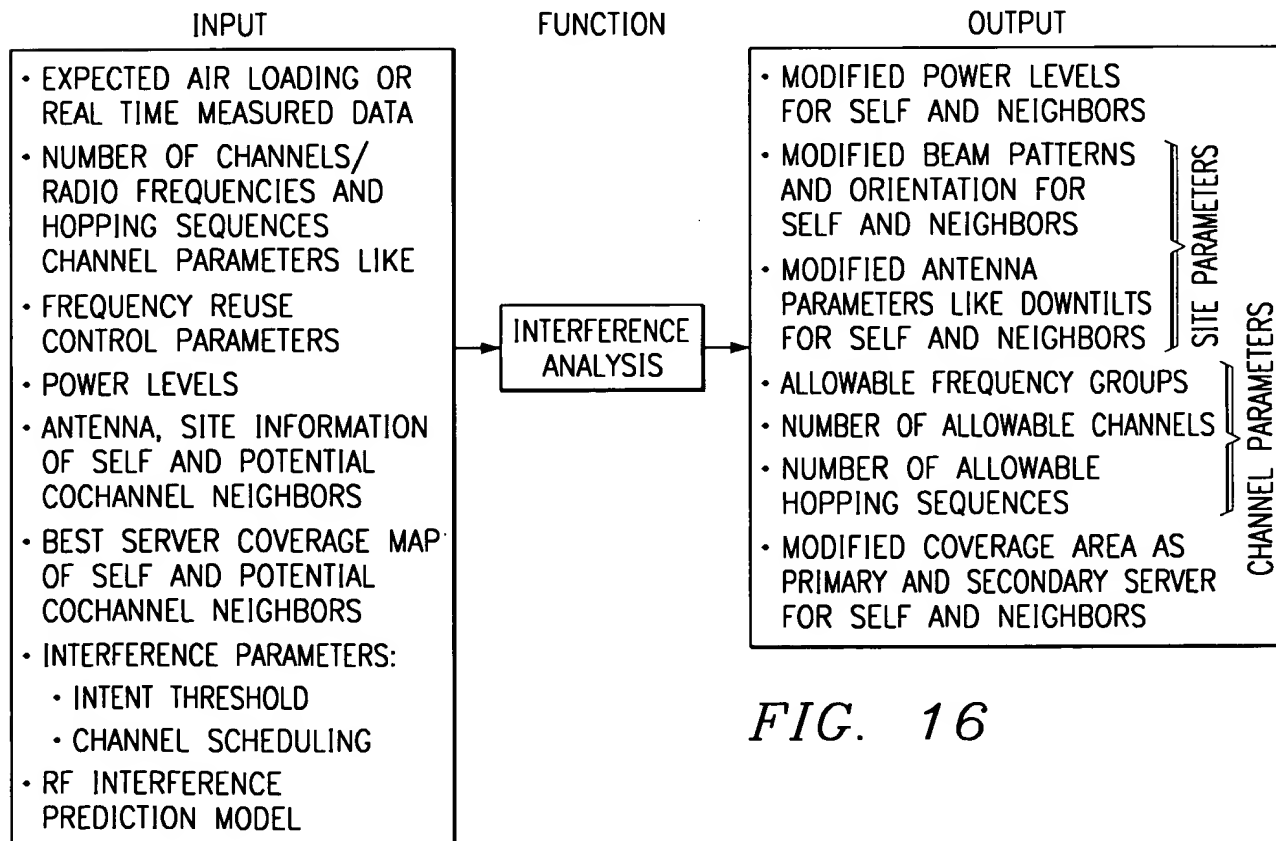
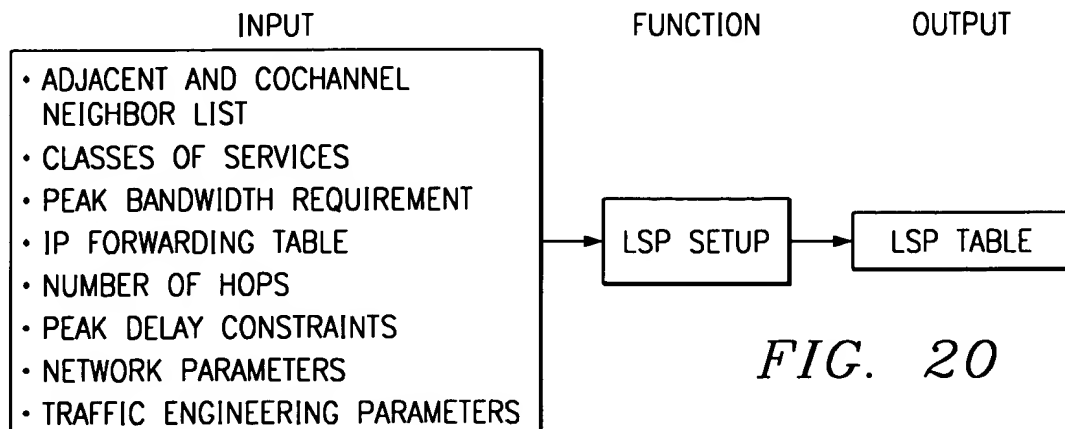
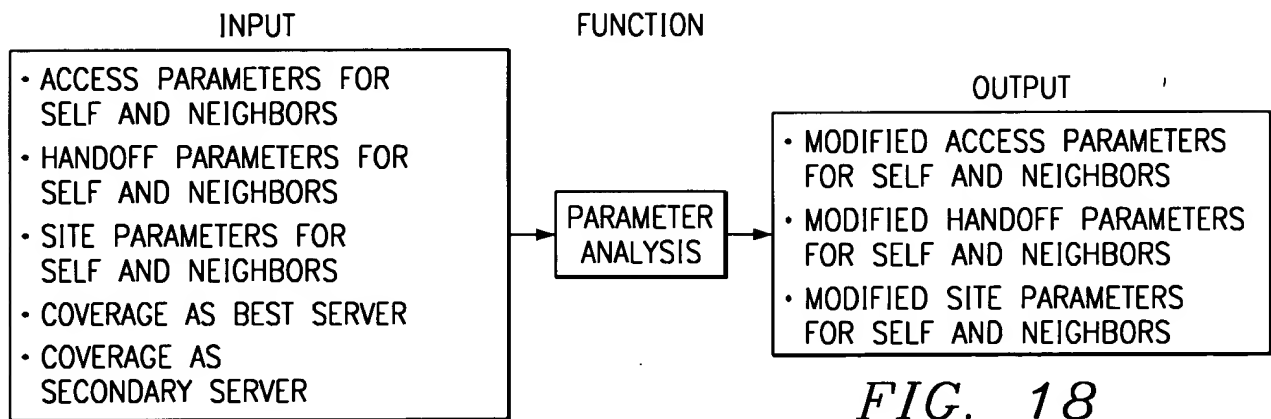
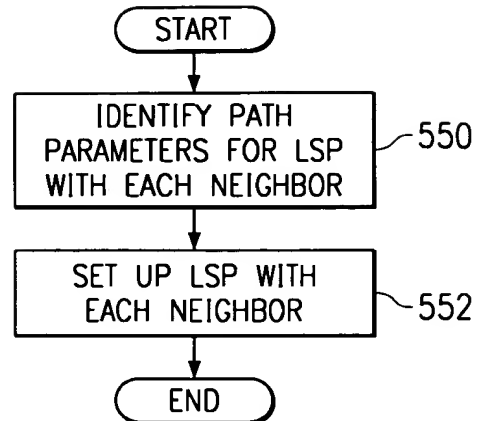
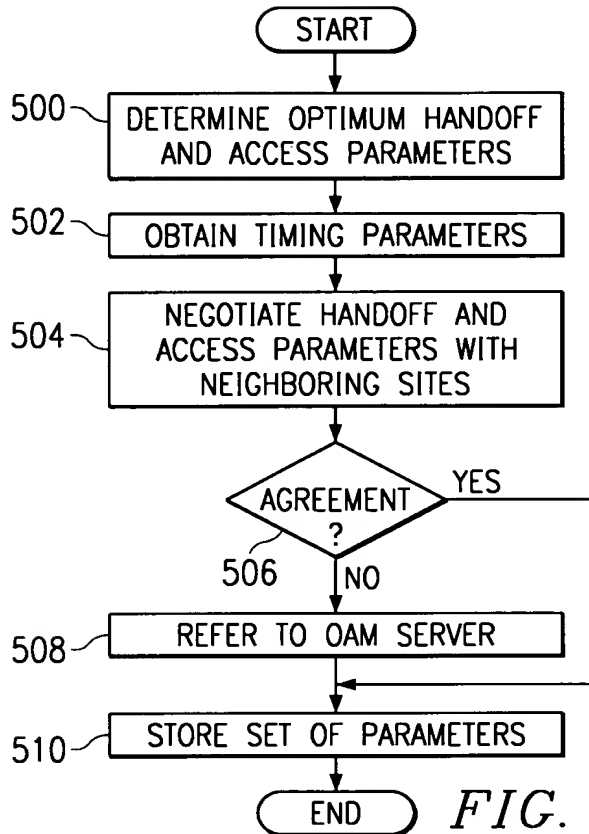


FIG. 16



00520-00550

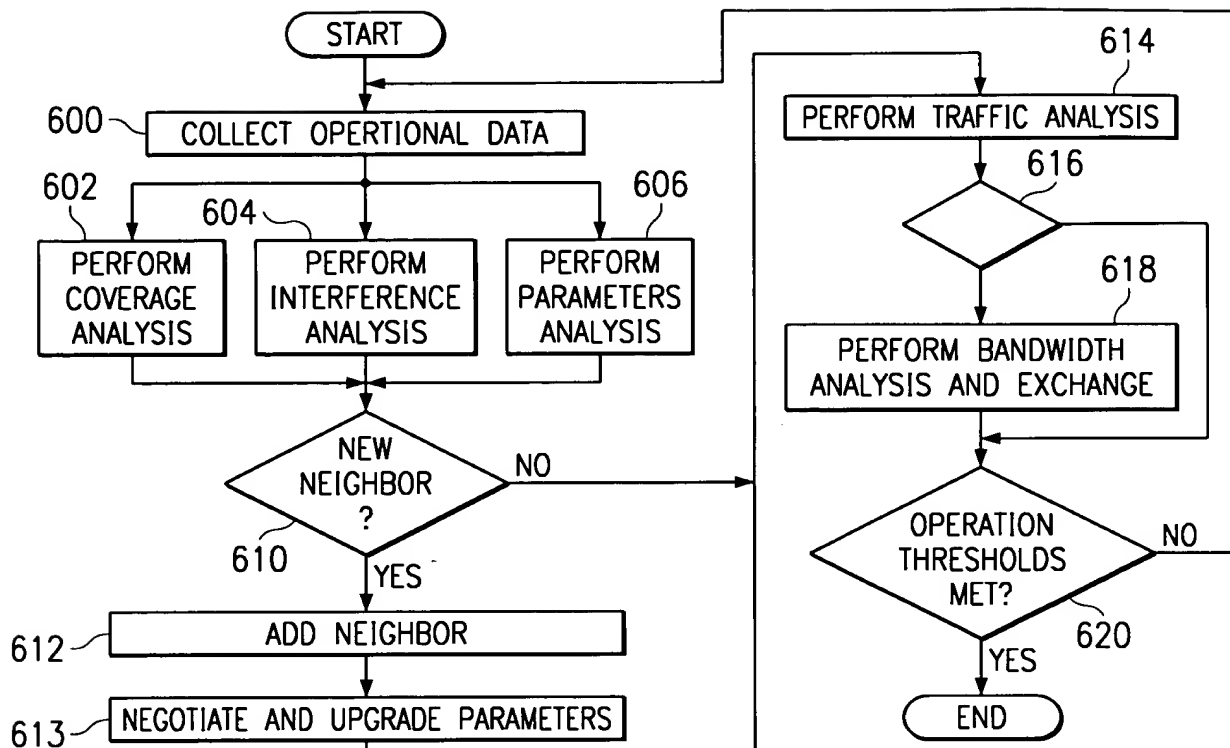


FIG. 21

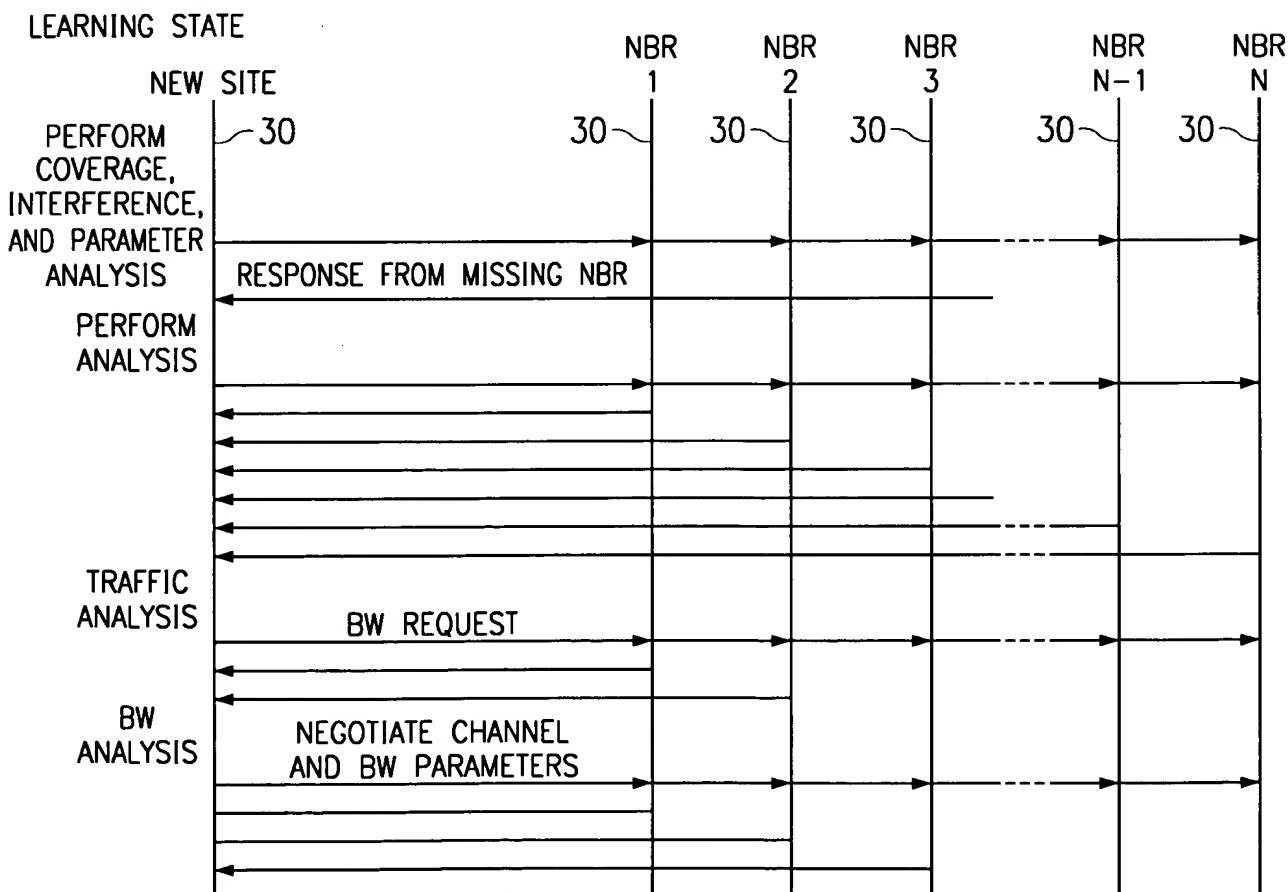
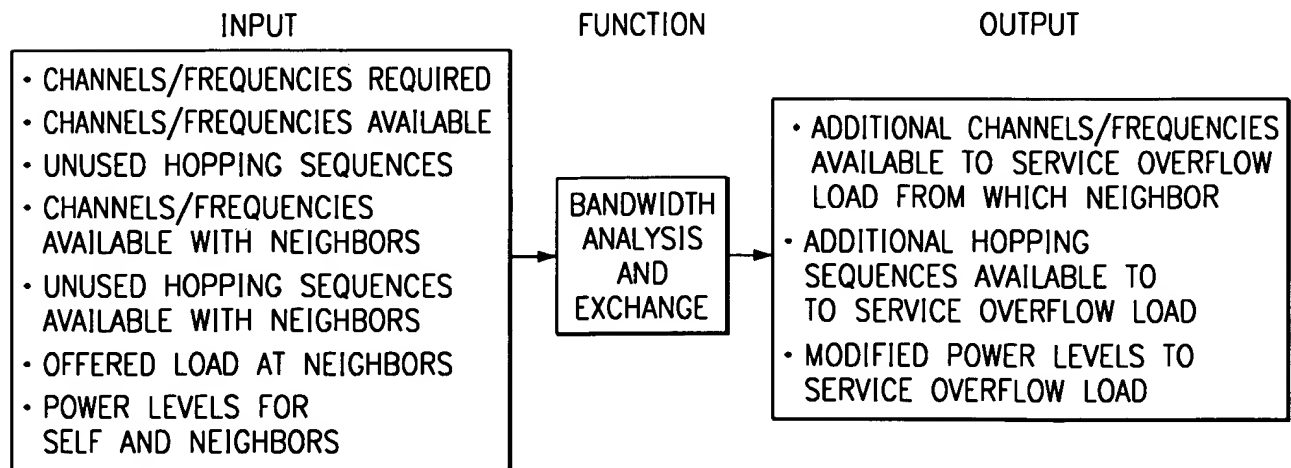
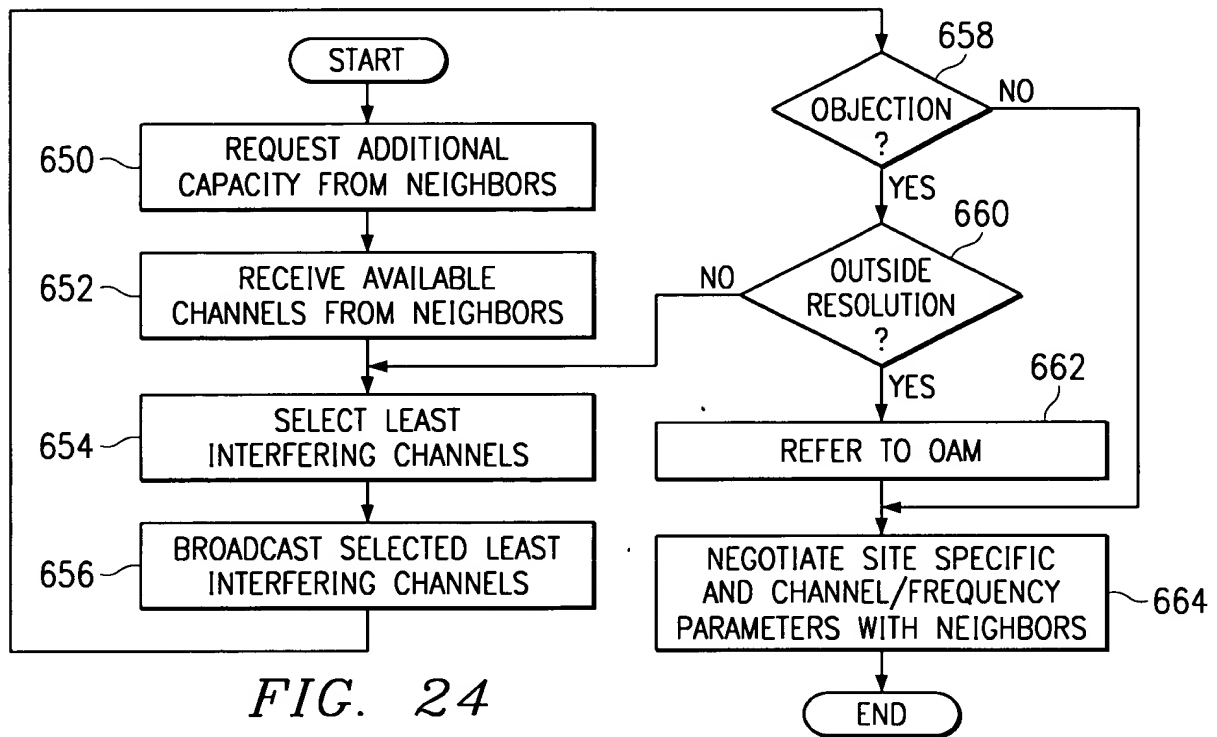
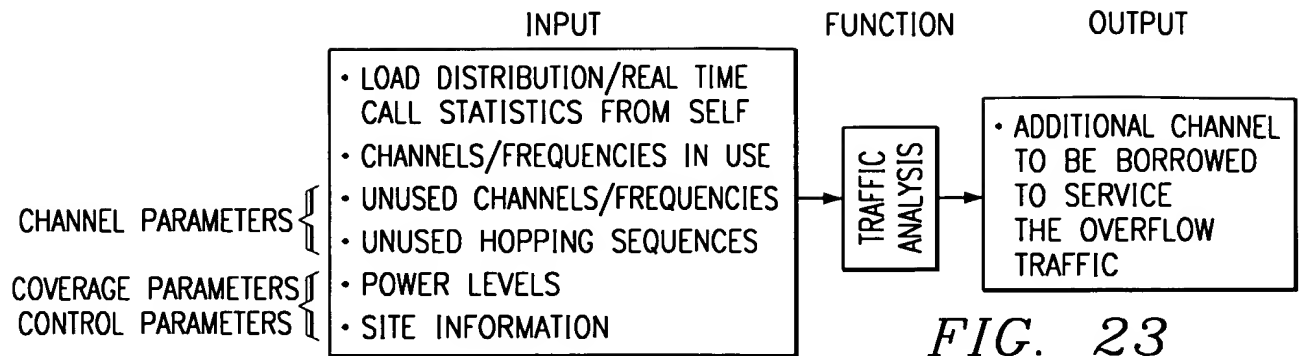


FIG. 22

00500-0001500



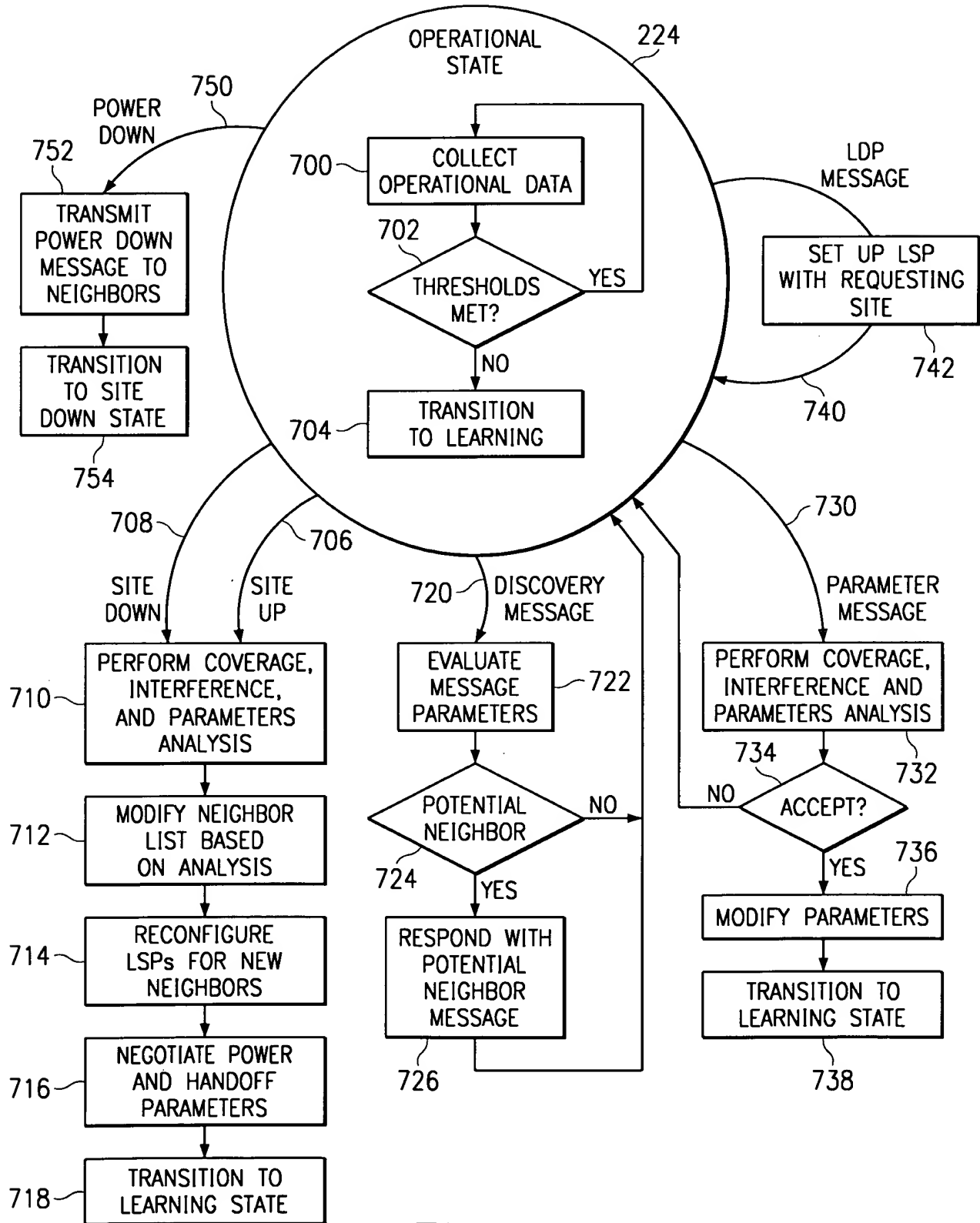


FIG. 26

00560-06061560

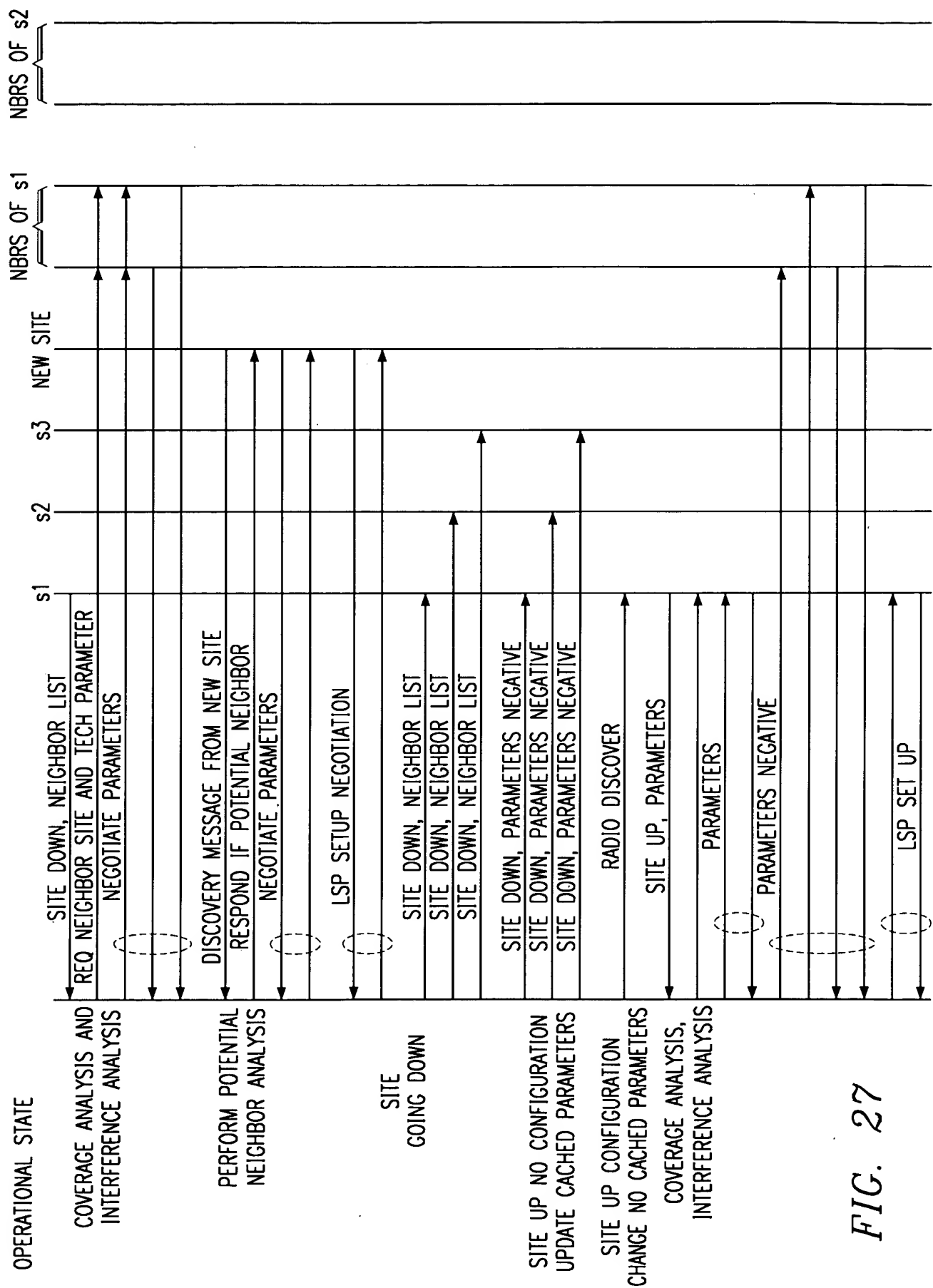


FIG. 27